

Massachusetts Bay Transportation Authority (T)

ID Number: 1003
www.mbta.com
10 Park Plaza
Boston, MA 02116

Chief Executive Officer: Robert H. Prince,
General Manager
(617)222-5176

System Wide Information

Modal Information

General Information

Urbanized Area (UZA) Statistics — 1990 Census

Boston, MA

Square Miles

Population

Population Ranking out of 405 UZA's

Other UZA's Served:

891

2,775,370

10

38, 82, 111, 139, 153, 260, 310

Service Area Statistics

Square Miles

Population

1,038

2,602,487

Service Consumption

Annual Passenger Miles

Annual Unlinked Trips

Average Weekday Unlinked Trips

Average Saturday Unlinked Trips

Average Sunday Unlinked Trips

1,748,792,119

354,965,815

1,158,725

661,873

454,139

Service Supplied

Annual Vehicle Revenue Miles

Annual Vehicle Revenue Hours

Vehicles Available for Maximum Service

Vehicles Operated in Maximum Service

Base Period Requirement

84,350,006

5,013,029

2,505

2,102

832

Financial Information

Fare Revenues Earned

Directly Operated

Purchased Transportation

Total Fare Revenues Earned

\$234,275,527

6,867,833

\$241,143,360

Sources of Operating Funds Expended

Passenger Fares

Local Funds

State Funds

Federal Assistance

Other Funds

Total Operating Funds Expended

\$241,143,360

158,294,710

456,138,702

6,500,000

16,087,829

\$878,164,601

Summary of Operating Expenses

Salaries, Wages and Benefits

Materials and Supplies

Purchased Transportation

Other Operating Expenses

Total Operating Expenses

\$498,132,902

51,354,340

35,093,593

111,614,713

\$696,195,548

Reconciling Cash Expenditures

\$212,730,844

Sources of Capital Funds Expended

Local Funds

State Funds

Federal Assistance

Total Capital Funds Expended

\$165,568,087

0

128,787,448

\$294,355,535

Characteristics

Operating Expense

Capital Funding

Annual Passenger Miles

Annual Vehicle Revenue Miles

Annual Unlinked Trips

Average Weekday Unlinked Trips

Annual Vehicle Revenue Hours

Fixed Guideway Directional Route Miles

Vehicles Available for Maximum Service

Average Fleet Age in Years

Vehicles Operated in Maximum Service

Peak to Base Ratio

Percent Spares

Incidents

Patron Fatalities

Bus

Rail

Rail

Rail

\$205,025,900

\$193,779,903

\$168,191,804

\$91,887,244

\$2,223,950

\$55,021,243

\$88,825,691

\$90,800,945

351,049,286

500,299,756

697,193,214

167,585,893

27,487,278

20,367,647

21,372,889

5,896,140

110,404,782

130,914,923

35,873,060

71,897,831

365,226

424,566

127,748

220,532

2,342,065

925,807

644,049

393,081

3.5

76.3

710.2

51.0

1,042

408

444

162

8.9

16.9

8.3

16.1

879

320

379

148

2.1

2.1

1.9

1.9

19%

28%

17%

9%

371

744

175

284

0

0

0

0

Performance Measures

Service Efficiency

Operating Expense per Vehicle Revenue Mile

Operating Expense per Vehicle Revenue Hour

\$7.46

\$87.54

\$9.51

\$209.31

\$7.87

\$261.15

\$15.58

\$233.76

Cost Effectiveness

Operating Expense per Passenger Mile

Operating Expense per Unlinked Passenger Trip

\$0.58

\$1.86

\$0.39

\$1.48

\$0.24

\$4.69

\$0.55

\$1.28

Service Effectiveness

Unlinked Passenger Trips per Vehicle Revenue Mile

Unlinked Passenger Trips per Vehicle Revenue Hour

4.02

47.14

6.43

141.41

1.68

55.70

12.19

182.91

Vehicles Operated in Maximum Service

Uses of Capital Funds

Directly Operated

Purchased Transportation

Bus

Heavy Rail

Commuter Rail

Demand Response

Light Rail

Trolleybus

Ferry Boat

Total

770

320

379

0

148

24

0

1,641

109

0

0

340

0

0

12

461

Rolling Stock

Facilities and Other

Total

Bus

Heavy Rail

Commuter Rail

Demand Response

Light Rail

Trolleybus

Ferry Boat

Total

\$409,898

3,262,509

5,717,013

0

52,138,830

0

0

\$61,528,250

\$1,814,052

51,758,734

83,108,678

620,525

38,662,115

56,861,640

1,541

\$232,827,285

\$2,223,950

55,021,243

88,825,691

620,525

90,800,945

56,861,640

1,541

\$294,355,535

Sources of Operating Funds Expended

Local 18%

Other 2%

Fares 27%

Federal 1%

State 52%

Sources of Capital Funds Expended

Local 56%

Federal 44%

Bus

Operating Expense per Vehicle Revenue Mile

Operating Expense per Passenger Mile

Passenger Trips per Vehicle Revenue Mile

\$10.00

\$8.00

\$6.00

\$4.00

\$2.00

\$0.00

95

96

97

98

99

\$0.70

\$0.60

\$0.50

\$0.40

\$0.30

\$0.20

\$0.10

\$0.00

95

96

97

98

99

5.00

4.00

3.00

2.00

1.00

0.00

95

96

97

98

99

Heavy Rail

Operating Expense per Vehicle Revenue Mile

Operating Expense per Passenger Mile

Passenger Trips per Vehicle Revenue Mile

\$10.00

\$8.00

\$6.00

\$4.00

\$2.00

\$0.00

95

96

97

98

99

\$0.50

\$0.40

\$0.30

\$0.20

\$0.10

\$0.00

95

96

97

98

99

7.00

6.00

5.00

4.00

3.00

2.00

1.00

0.00

95

96

97

98

99

Data Source: 1999 National Transit Database